

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/620,544	07/21/2000	Petro Estakhri	38979-11 CPA2	2400
27728	7590	09/13/2004	EXAMINER	
LAW OFFICES OF IMAM 111 N. MARKET STREET, SUITE 1010 SAN JOSE, CA 95113			BRAGDON, REGINALD GLENWOOD	
			ART UNIT	PAPER NUMBER
			2188	

DATE MAILED: 09/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No. 09/620,544	Applicant(s) ESTAKHRI ET AL.	
	Examiner Reginald G. Bragdon	Art Unit 2188	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 30 August 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
- b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☒ The proposed amendment(s) will not be entered because:
- (a) ☒ they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) ☐ they raise the issue of new matter (see Note below);
 - (c) ☒ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: The amendments to the claims would require further search and/or consideration.

3. ☐ Applicant's reply has overcome the following rejection(s): _____.
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☒ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: 2-17.

Claim(s) withdrawn from consideration: _____.

8. ☒ The drawing correction filed on 30 August 2004 is a) ☒ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
10. ☒ Other: See Continuation Sheet

BEST AVAILABLE COPY

Reginald G. Bragdon
Reginald G. Bragdon
Primary Examiner
Art Unit: 2188

Continuation of 10. Other: The IDS submitted 30 August 2004 has not been considered since Applicant has not met the requirements of 37 CFR 1.97(d). Note that Applicant may file a new information disclosure statement or correct the deficiency in the previously filed IDS (the IDS filed 21 June 2004), but the date that the new IDS or correction is filed will be the date of the IDS for purposes of determining compliance with the requirements based on the time of filing of the IDS (37 CFR 1.97)..

BEST AVAILABLE COPY

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 6

Complete if Known

Application Number	09/620,544
Filing Date	07/21/2000
First Named Inventor	Petro Estakhri
Group Art Unit	2188
Examiner Name	Reginald G. Bragdon
Attorney Docket Number	38979-11C4

U.S. PATENT DOCUMENTS

	U.S. Patent Document		Date of Publication of	Pages, Columns, Lines,
A1	2003/0033471	A1	Lin et al.	02/13/2003
A2	6,411,546	B1	Estakhri et al.	06/05/2002
A3	6,397,314	B1	Estakhri et al.	05/28/2002
A4	6,393,513	B2	Estakhri et al.	05/21/2002
A5	6,374,337	B1	Estakhri	04/16/2002
A6	6,279,114	B1	Toombs et al.	08/21/2001
A7	6,279,069	B1	Robinson et al.	08/21/2001
A8	6,272,610	B1	Katayama et al.	08/07/2001
A9	6,262,918	B1	Estakhri et al.	07/17/2001
A10	6,230,234	B1	Estakhri et al.	05/08/2001
A11	6,226,708	B1	McGoldrick et al.	05/01/2001
A12	6,223,308	B1	Estakhri et al.	04/24/2001
A13	6,202,138	B1	Estakhri et al.	03/13/2000
A14	6,182,162	B1	Estakhri et al.	01/30/2001
A15	6,181,118	B1	Meehan et al.	01/30/2001
A16	6,173,362	B1	Yoda	01/09/2001
A17	6,151,247		Estakhri et al.	11/21/2000
A18	6,145,051		Estakhri et al.	11/07/2000
A19	6,141,249		Estakhri et al.	10/31/2000
A20	6,134,151		Estakhri et al.	10/17/2000
A21	6,134,145		Wong	10/17/2000
A22	6,128,695		Estakhri et al.	10/03/2000
A23	6,125,435		Estakhri et al.	09/26/2000
A24	6,125,424		Komatsu et al.	09/26/2000
A25	6,122,195		Estakhri et al.	09/19/2000
A26	6,115,785		Estakhri et al.	09/05/2000
A27	6,097,666		Sakui et al.	08/01/2000
A28	6,081,878		Estakhri et al.	06/27/2000
A29	6,081,447		Lofgren et al.	06/27/2000
A30	6,072,796		Christensen et al.	06/06/2000
A31	6,055,188		Takeuchi et al.	04/25/2000
A32	6,055,184		Acharya et al.	04/25/2000
A33	6,047,352		Lakhani et al.	04/04/2000
A34	6,040,997		Estakhri	03/21/2000
A35	6,035,357		Sakaki	03/07/2000
A36	6,034,897		Estakhri et al.	03/07/2000
A37	6,026,027		Terrell, II et al.	02/15/2000
A38	6,026,020		Matsubara et al.	02/15/2000
A39	6,021,408		Ledain et al.	02/01/2000
A40	6,011,323		Camp	01/04/2000
A41	6,011,322		Hiraka	01/04/2000
A42	5,991,849		Yamada et al.	11/23/1999
A43	5,987,573		Hiraka	11/16/1999

Not considered

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/620,544
Filing Date	07/21/2000
First Named Inventor	Petro Estakhri
Group Art Unit	2188
Examiner Name	Reginald G. Bragdon
Attorney Docket Number	38979-11C4

Sheet	2	of	6
	A44	5,987,563	
	A45	5,986,933	
	A46	5,966,727	
	A47	5,959,926	
	A48	5,956,473	
	A49	5,953,737	
	A50	5,937,425	
	A51	5,936,971	
	A52	5,933,846	
	A53	5,933,368	
	A54	5,930,815	
	A55	5,928,370	
	A56	5,920,884	
	A57	5,909,586	
	A58	5,907,856	
	A59	5,901,086	
	A60	5,890,192	
	A61	5,862,099	
	A62	5,860,124	
	A63	5,860,083	
	A64	5,847,552	
	A65	5,845,313	
	A66	5,835,935	
	A67	5,831,929	
	A68	5,822,781	
	A69	5,822,252	
	A70	5,822,245	
	A71	5,818,781	
	A72	5,809,560	
	A73	5,809,558	
	A74	5,809,515	
	A75	5,802,551	
	A76	5,799,168	
	A77	5,787,484	
	A78	5,787,445	
	A79	5,781,478	
	A80	5,773,901	
	A81	5,768,195	
	A82	5,768,190	
	A83	5,761,117	
	A84	5,758,100	
	A85	5,757,712	
	A86	5,754,567	
	A87	5,745,418	
	A88	5,734,567	
	A89	5,723,990	

Itoh et al.	11/16/1999
Takeuchi et al.	11/16/1999
Nishino et al.	10/12/1999
Jones et al.	09/28/1999
Ma et al.	09/21/1999
Estakhri et al.	09/14/1999
Ban	08/10/1999
Harari et al.	08/10/1999
Endo	08/03/1999
Ma et al.	08/03/1999
Estakhri et al.	07/27/1999
Asnaashari	07/27/1999
Jennings, III et al.	07/06/1999
Anderson	06/01/1999
Estakhri et al.	05/25/1999
Wang et al.	05/04/1999
Lee et al.	03/30/1999
Gannage et al.	01/19/1999
Matthews et al.	01/12/1999
Sukeawa	01/12/1999
Brown	12/08/1998
Estakhri et al.	12/01/1998
Estakhri et al.	11/10/1998
Manning	11/03/1998
Wells et al.	10/13/1998
Lee et al.	10/13/1998
Gupta et al.	01/13/1998
Estakhri et al.	10/06/1998
Schneider	09/15/1998
Matthews et al.	09/15/1998
Kaki et al.	09/15/1998
Komatsu et al.	09/01/1998
Ban	08/25/1998
Norman	07/28/1998
Daberko	07/28/1998
Takeuchi et al.	07/14/1998
Kanter	06/30/1998
Nakamura et al.	06/16/1998
Tanaka et al.	06/16/1998
Uchino et al.	06/02/1998
Odisho	05/26/1998
Nagel et al.	05/26/1998
Norman	05/19/1998
Ma et al.	04/28/1998
Griffiths et al.	03/31/1998
Roohparvar	03/03/1998

Not considered

Substitute for form 1449A/PTO



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/620,544
Filing Date	07/21/2000
First Named Inventor	Petro Estakhri
Group Art Unit	2188
Examiner Name	Reginald G. Bragdon
Attorney Docket Number	38979-11C4

Sheet	3	of	6	Attorney Docket Number	38979-11C4
	A90	5,648,929		Miyamoto	07/15/1997
	A91	5,611,067		Okamoto et al.	03/11/1997
	A92	5,603,001		Sukegawa et al.	02/11/1997
	A93	5,602,987		Harari et al.	02/11/1997
	A94	5,598,370		Niisima et al.	01/28/1997
	A95	5,592,415		Kato et al.	01/07/1997
	A96	5,581,723		Hasbun et al.	12/03/1996
	A97	5,579,502		Konishi et al.	11/26/1996
	A98	5,572,466		Sukegawa	11/05/1996
	A99	5,552,698		Tai et al.	09/03/1996
	A100	5,544,356		Robinson	08/06/1996
	A101	5,541,551		Brehner et al.	07/30/1996
	A102	5,530,938		Akasaka et al.	06/25/1996
	A103	5,530,828		Kaki et al.	06/25/1996
	A104	5,530,673		Tobita et al.	06/25/1996
	A105	5,524,230		Sakaue et al.	06/04/1996
	A106	5,523,980		Sakui et al.	06/04/1996
	A107	5,519,847		Fandrich et al.	05/21/1996
	A108	5,515,333		Fujita et al.	05/07/1996
	A109	5,513,138		Manabe et al.	04/30/1996
	A110	5,490,117		Oda et al.	02/06/1996
	A111	5,479,638		Assar et al.	12/26/1995
	A112	5,473,765		Gibbons et al.	12/05/1995
	A113	5,465,338		Clay	11/07/1995
	A114	5,465,235		Miyamoto	11/07/1995
	A115	5,431,330		Wieres	07/11/1995
	A116	5,430,682		Ishikawa et al.	07/04/1995
	A117	5,422,856		Sasaki et al.	06/06/1995
	A118	5,418,752		Harari et al.	05/23/1995
	A119	5,406,527		Honma	04/11/1995
	A120	5,404,485		Ban	04/04/1995
	A121	5,388,083		Assar et al.	02/07/1995
	A122	5,384,743		Rouy	01/24/1995
	A123	5,382,839		Shinohara	01/17/1995
	A124	5,381,539		Yanai et al.	01/10/1995
	A125	5,371,702		Nakai et al.	12/06/1994
	A126	5,365,127		Manley	11/15/1994
	A126B	5,359,569		Fujita et al.	10/25/1994
	A127	5,341,341		Fukazo	08/23/1994
	A128	5,341,339		Wells	08/23/1994
	A129	5,341,330		Wells et al.	08/23/1994
	A130	5,329,491		Brown et al.	07/12/1994

Not considered



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	4	of	6	Complete if Known	
				Application Number	09/620,544
				Filing Date	07/21/2000
				First Named Inventor	Petro Estakhri
				Group Art Unit	2188
				Examiner Name	Reginald G. Bragdon
				Attorney Docket Number	38979-11C4
	A131	5,315,558		Hag	05/24/1994
	A132	5,305,278		Inoue	04/19/1994
	A133	5,305,276		Uenoyama	04/19/1994
	A134	5,303,198		Adachi et al.	04/12/1994
	A135	5,267,218		Elbert	11/30/1993
	A136	5,253,351		Yamamoto et al.	10/12/1993
	A137	5,227,714		Lou	07/13/1993
	A138	5,220,518		Haq	06/15/1993
	A139	5,218,695		Noveck et al.	06/08/1993
	A140	5,093,785		Iijima	03/03/1992
	A140A	4,970,727		Miyawaki et al.	11/13/1990
	A140B	4,970,642		Yamamura	11/13/1990
	A141	4,943,745		Watanabe et al.	07/24/1990
	A142	4,843,224		Ohta et al.	06/27/1989
	A143	4,829,169		Watanabe	05/09/1989
	A144	4,797,543		Watanabe	01/10/1989
	A145	4,788,665		Fukuda et al.	11/29/1988
	A146	4,780,855		Iida et al.	10/25/1988
	A147	4,609,833		Guterman	09/02/1986
	A148	4,532,590		Wallach et al.	07/30/1985
	A149	4,476,526		Dodd	10/09/1984
	A150	4,473,878		Zolnowsky et al.	09/25/1984
	A151	4,468,730		Dodd et al.	08/28/1984
	A152	4,414,627		Nakamura	11/08/1983
	A153	4,398,248		Hsia et al.	08/09/1983
	A154	4,309,627		Tabata	01/05/1982
	A155	4,130,900		Watanabe	12/19/1978
	A156	4,099,069		Cricchi et al.	07/04/1978
	A157	35,881 Re.		Barrett et al.	08/25/1998 (Reissued)

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Count y Code ³	Number ⁴ Kind Code ⁵ (if known)				
	B1		0 663 636	A1	Sun Microsystems, Inc.	07/19/1995	
	B2		0 619 541	A2	Hitachi, Ltd., Hitachi Keiyo Engineering Co., Ltd., Hitachi ULSI Engineering Corp.	10/12/1994	
	B3		0 617 363	A2	Sundisk Corporation	09/28/1994	
	B4		0 613 151	A2	Kabushiki Kaisha Toshiba	08/31/1994	
	B5		0 522 780	A2	International Business Machines Corporation	01/13/1993	
	B6		0 522 780	B1	International Business Machines Corporation	01/13/1993	
	B7		0 392 895	A2	Sundisk Corporation	10/17/1990	

Not considered

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 5 of 6

Complete if Known

Application Number	09/620,544
Filing Date	07/21/2000
First Named Inventor	Petro Estakhri
Group Art Unit	2188
Examiner Name	Reginald G. Bragdon
Attorney Docket Number	38979-11C4

B8	2 304 428		Mitsubishi Denki Kabushiki Kaisha	03/19/1997	
B9	2 291 990		Memory Corporation	02/07/1996	
B10	2 251 323		Intel Corporation	07/01/1992	
B11	9-147581		Hitachi Co., Ltd., Hitachi VLSI Engineering Corp.	06/06/1997	
B12	8-69696		Toshiba Corp.	03/12/1996	
B13	8-18018		Toshiba Corp.	01/19/1996	
B14	7-93499		Hitachi Co., Ltd., Hitachi VLSI Engineering Corp., Hitachi Tobu Semiconductor Co., Ltd.	04/07/1995	
B15	7-311708		Fuji Film Micro Device K.K., Fuji Photo Film Co., Ltd.	11/28/1995	
B16	7-114499			05/02/1995	
B17	6-36578		Sony Kabushiki Kaisha	02/10/1994	
B18	6-266596		Hitachi Ltd.	09/22/1994	
B19	6-149395		NEC	05/27/1994	
B20	6-132747		Fujitsu Ltd., Fujitsu VLSI Ltd.	05/13/1994	
B21	6-131889		Toshiba Corporation	05/13/1994	
B22	6-124231		Toshiba Corporation	05/06/1994	
B23	6-124175		Sharp Corp.	05/06/1994	
B24	5-282883		Toshiba Corp.	10/29/1993	
B25	5-128877		Mitsubishi Electric Corp.	05/25/1993	
B26	4-57295		NEC Corporation	02/25/1992	
B27	4-278297		Toshiba Corp.	10/02/1992	
B28	4-268284		Fuji Photo Film Co., Ltd	09/24/1992	
B29	4-254994		Toshiba Corp.	09/10/1992	
B30	RM-37697			02/21/1996	
B31	3-228377		Toshiba Corp.	10/09/1981	
B32	1-138694		Nippon Denki Kabushiki Kaisha	05/31/1989	
B33	WO 94/20906		M-Systems Ltd.	09/15/1994	
B34	SU 1686449	A2	N.G. Parkhomenko, S.B. Kozelkov, V.Yu Lozbenov and S.S. Karpenko	10/23/1991	
B35	SU 1573458	A2	N.G. Parkhomenko, V. Yu. Lozbenov, V.G. Chernyaev and S.B. Kozelkov	06/23/1990	
B36	SU 1541619	A1	K.G. Semenov, N.M. Sidorov, A.I. Zhdanov, G.V. Kukhar and V.I. Potapenko	02/07/1990	
B37	SU 1515164	A1	I.V. Dementiev and A.S. Papkov	10/15/1989	
B38	SU 1408439	A1	V.V. Merkul, I Yu. Manukin and M.N. Gurevich	07/07/1988	
B39	SU 1388877	A1	N.G. Parkhomenko, V. Yu. Lozbenov and A.P. Kuprovskij	04/15/1988	

Not considered

Substitute for form 1449A/PTO

AUG 30 2004

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

6

of

6

Complete if Known

Application Number

09/620,544

Filing Date

07/21/2000

First Named Inventor

Petro Estakhri

Group Art Unit

2188

Examiner Name

Reginald G. Bragdon

Attorney Docket Number

38979-11C4

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
C1		MENDEL ROSENBLUM and JOHN K. OUSTERHOUT, The Design and Implementation of a Log-Structured File System, article, 1991, 15 pgs., Berkeley, USA	
C2		BRIAN DIPERT and MARKUS LEVY, Designing with Flash Memory, book, April 1994, 445 pgs., Annabooks, San Diego, USA	
C4		ROSS S. FINLAYSON and DAVID R. CHERITON, An Extended File Service Exploiting Write-Once Storage, article, 1987, 10 pgs. ACM	
C5		JASON GAIT, The Optical File Cabinet: A Random-Access File System for Write-Once Optical Disks, article, June 1988, 12 pgs., Beaverton, Oregon	
C6		HENRY G. BAKER, Memory Management, book, 1995, 19 pgs., Springer-Verlag Berlin Heidelberg, Germany	
C7		SAPE J. MULLENDER and ANDREW S. TANENBAUM, A Distributed File Service Based on Optimistic Concurrency Control, article, 1985, 12 pgs., ACM	
C8		HIROSHI NAKAMURA, JUNICHI MIYAMOTO, KENICHI IMAMIYA and YOSHIHISA IWATA, A Novel Sense Amplifier for Flexible Voltage Operation NAND Flash Memories, symposium, 1995, VLSI Circuits Digest of Technical Papers., 2 pgs.	
C9		HIROSHI NAKAMURA, JUNICHI MIYAMOTO, KENICHI IMAMIYA, YOSHIHISA IWATA, YOSHIHISA SUGIURA and HIDEKO OODAIRA, A Novel Sensing Scheme with On-Chip Page Copy for Flexible Voltage NAND Flash Memories, article, June 1996, 9 pgs., Vol. E79-C, No.6	
C10		TAKAAKI NOZAKI, TOSHIKI TANAKA, YOSHIRO KIJIA, EITA KINOSHITA, TATSUO TSUCHIYA and YUTAKA HAYASHI, A 1-Mb EEPROM with MONOS Memory Cell for Semiconductor Disk Application, article, 1991, 5 pgs., Journal Of Solid-State Circuits, Vol. 26, No. 4.	
C11		KAI HWANG and FAYE A. BRIGGS, Computer Architecture and Parallel Processing, book, 1984, McGraw-Hill, Inc., 2 pgs., US	
C12		WALTER LAHTI and DEAN McCARRON, State of the Art Magnetic VS. Optical Store Data in a Flash, article, 1990, 7 pgs., Vol. 15, No. 12, McGraw-Hill, Inc., US	
C13		RON WILSON, INTEGRATED CIRCUITS; 1-Mbit flash memories seek their role in system design, article, March 1, 1989, 2 pgs., No.6, Tulsa, OK	
C14		S. MEHROURA, J.H. YUAN, R.A. CEMEA, W.Y. CHIEN, D.C. GUTEMAN, G. SAMACHISA, R.D. NOMAN, M. MOFIDI, W. LEE, Y. FONG, A. MIHNEA, E. HANN, R.W. GREGOR, E.P. EBERHARDT, J.R. RADOSEVICH, K.R. STILES, R.A. KOHLER, C.W. LEUNG, and T.J. MULROONEY, Serial 9mb F EEPROM for Solid State Disk Applications, symposium, 1992, 2 pgs., Mountain View, CA	
C15		STEVEN H. LEIBSON, Nonvolatile, in-circuit-reprogrammable memories, article, January 3, 1991, 12 pgs., EDN, Circle No.12	
C16		RAMON CACERES, FRED DOUGLIS, KAI LI and BRIAN MARSH, Operating System Implications of Solid-State Mobile Computers, article, 7 pgs., October 1993, Workshop on Workstation Operating Systems	
C17		MICHAEL WU and WILY ZWAENEPOEL, A Non-Volatile, Main Memory Storage System, 12 pgs., 1994, ACM, San Jose, CA USA	
C18		DAVE BURSKEY, Innovative flash memories match DRAM densities: available with a choice of features, flash memories are finding homes in many systems (includes related articles on the origins of flash, and on the differences between NAND and NOR flash memories), article, May 16, 1994, 9 pgs., Electronic Design, v.42, n.10, The Gale Group	
C19		ANTHONY CATALDO, New flash enhancements up ante, (Intel's 28F400BV-120 and 28F004BV-120, Atmel's AT29BV010 and AT29BV020, and Samsung Semiconductor's KM29V32000 "flash" memory devices) (Product Announcement), article, March 13, 1995, 4 pgs., Electronic News, v.41, n.2056, The Gale Group	
C20		SAM WEBER, "Flash" modules' portability, reusability, small size valued for a host of APPs-Consumer formats flocking to "flash", article, 7/22/96, 9 pgs., Electronic Engineering Times, n.911, CMP Media	
C21		TOSHIBA, MOS MEMORY (NON-VOLATILE), 1995, Data Book	
C22		STAN BAKER, BUT INTEGRATION CALLS FOR HARDWARE, SOFTWARE CHANGES: Flash: designers face the dawn of a new memory age, article, 9/12/03, 5 pgs., Electronic Engineering Times, 1990, N.619, 41, CMP Media	
C23		TOSHIBA, TOSHIBA MOS DIGITAL INTEGRATED CIRCUIT SILICON GATE CMOS, (TC58NS512DC) 3/21/2001, 43 pgs., Data Book	
C24		TOSHIBA CORPORATION, SMIL (Smartmedia Interface Library) Hardware Edition Version 1.00, July 1, 2000, 36 pgs., Data Book	
C25		TOSHIBA, TOSHIBA MOS DIGITAL INTEGRATED CIRCUIT SILICON GATE, (TC58S12FT), 3/05/2001, 43 pgs., Data Book	
C26		TOSHIBA, TOSHIBA MOS DIGITAL INTEGRATED CIRCUIT SILICON GATE, (TC58DVM92A1FT00), 1/10/2003, 44 pgs., Data Book	
C27		TOSHIBA, TOSHIBA MOS DIGITAL INTEGRATED CIRCUIT SILICON GATE, (TC58DVG02A1FT00), 1/10/2003, 44 pgs., Data Book	
C28		TOSHIBA, TOSHIBA MOS DIGITAL INTEGRATED CIRCUIT SILICON GATE, (TH58100FT), 3/05/2001, 43 pgs., Data Book	
C29		35NONVOLATILE MEMORY TECHNOLOGY REVIEW, A Time of Change, Proceedings 1993 Conference, June 22-24, 1993, Linthicum Heights, MD USA	
C30		TOSHIBA CORPORATION, SMIL (Smartmedia Interface Library) Software Edition Version 1.00, July 1, 2000, 136 pgs., Data Book	
C31		TOSHIBA, MOS MEMORY (NON-VOLATILE), 1996, 279 pgs., Data Book	
C32		DAN AUCLAIR, Optimal Solid State Disk Architecture For Portable Computers, symposium, July 9, 1991, 7 pgs., SunDisk Corporation	

Not considered

Examiner
Signature

Date

Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231